ELSEVIER

Agricultural Water Management 73 (2005) 255–256

Agricultural water management

www.elsevier.com/locate/agwat

Contents of *Agricultural Water Management*, Volume 73

VOLUME 73 ISSUE 1 **20 APRIL 2005**

Groundwater extraction for irrigation of Coffea canephora in Ea Tul watershed, Vietnam—a risk evaluation
D. D'haeze, D. Raes, J. Deckers (Leuven, Belgium), T.A. Phong and H.V. Loi (Hanoi, Vietnam) 1

Agro-hydrological evaluation of on-farm rainwater storage systems for supplemental irrigation in Laikipia district, Kenya
S.N. Ngigi (Nairobi, Kenya), H.H.G. Savenije (Delft, The Netherlands), J.N. Thome (Nairobi, Kenya), J. Rockström (Delft, The Netherlands) and F.W.T. Penning de Vries (Silverton, South Africa) 21

Effect of drip irrigation on squash (Cucurbita pepo) yield and water-use efficiency in sandy calcareous soils amended with clay deposits
A.M. Al-Omran, A.S. Sheta, A.M. Falatah and A.R. Al-Harbi (Riyadh, Saudi Arabia) 43

Faba bean productivity under rainfed and supplemental irrigation in northern Syria
T. Oweis, A. Hachum and M. Pala (Aleppo, Syria) 57

Different irrigation methods and water stress effects on potato yield and yield components
S. Onder, M.E. Caliskan, D. Onder and S. Caliskan (Hatay, Turkey) 73

VOLUME 73 ISSUE 2 **2 MAY 2005**

The impact of controlled tidal exchange on drainage water quality in acid sulphate soil backswamps
S.G. Johnston (Grafton, Australia), P.G. Slavich (Bruxner Highway, Australia) and P. Hirst (Grafton, Australia) 87

Which crop and which drop, and the scope for improvement of water productivity
J.J.E. Bessembinder, P.A. Leffelaar (Wageningen, The Netherlands), A.S. Dhindwal (Haryana, India) and T.C. Ponsioen (Wageningen, The Netherlands) 113

Subirrigation of land bordering small reservoirs in the semi-arid region in the Northeast of Brazil: monitoring and water balance
A.C.D. Antonino (Recife, Brazil), C. Hammecker (Dakar, Senegal), S.M.L.G. Montenegro , A.M. Netto (Recife, Brazil), R. Angulo-Jaramillo (Grenoble, France) and C.A.B.O. Lira (Recife, Brazil) 131

Peak crop coefficient values for Shaanxi, North-west China
M. Parkes (Henan, PR China), W. Jian and R. Knowles (Shaanxi, PR China) 149

doi:10.1016/S0378-3774(05)00121-6

Publisher's Acknowledgement 169

Corrigendum
Corrigendum to "Agricultural water use estimation using geospatial modelling and a geographic information system" [Agric. Water Manage. 67 (2004) 185–199]
V.K. Boken, G. Hoogenboom (Griffin, GA, USA), J.E. Hook (Tifton, GA, USA), D.L. Thomas (Baton Rouge, LA, USA), L.C. Guerra (Griffin, GA, USA) and K.A. Harrison (Tifton, GA, USA) 171

VOLUME 73 ISSUE 3 **16 MAY 2005**

The effects of different irrigation regimes on cucumber (*Cucumbis sativus L.*) yield and yield characteristics under open field conditions
M. Şimşek, T. Tonkaz, M. Kaçıra, N. Çömlekçioğlu and Z. Doğan (Şanlıurfa, Turkey) 173
Conjunctive use modeling for multicrop irrigation
S. Vedula, P.P. Mujumdar (Bangalore, India) and G. Chandra Sekhar (Hyderabad, India) 193
Irrigation evaluation and simulation at the Irrigation District V of Bardenas (Spain)
S. Lecina, E. Playán, D. Isidoro, F. Dechmi, J. Causapé and J.M. Faci (Zaragoza, Spain) 223
Developing crop coefficients for field-grown tomato (*Lycopersicon esculentum Mill.*) under drip irrigation with black plastic mulch
J. Amayreh and N. Al-Abed (Irbid, Jordan) 247

Contents of *Agricultural Water Management*, Volume 73 255